Crops trials of Genetically Modified food

1243. SHRI A. VIJYARAGHAVAN: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether there is any proposal for Genetically Modified (GM) food crop trials;

(b) if so, the details thereof;

(c) if so, the details of the institutes/company that devised the tests.

(d) whether the tests against effects on human health is convened before the trials;

(e) the details of food crops that are subjected to above trials?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (c) Yes, Sir. Several food crops with genetically modified traits are under various stages of food crop trials. Only Bt Bringal developed by M/s. Mahyco is under consideration of the Genetic Engineering Approval Committee (GEAC) for large scale field testing. Detailed statement giving the list of food crops being developed by various institutions is encloded at Statement (*See* Below).

(d) and (e) All genetically modified food is tested for toxicity and allergenicity prior to its approval for human consumption.

Statement

Food /Crops being Developed by Various Institutions

The list of Genetically Modified Crops under Field Trial in India and names of institutions involved in the development of GM food crops are listed below

Sl. No.	Crop	Trait	Organisation
1	2	3	4
1.	Bringal	Insect resistance	Indian Agricultural Research Institute (IARI) and MAHYCO

1	2	3	4
2.	Cabbage	Insect resistance	Sungro Seeds Ltd.
3.	Cauliflower	Insect resistance	MAHYCO, Sungro Seeds Ltd.
4.	Chickpea	Insect resistance	International Crop Research Institute for Semi Arid Tropics (ICRISAT)
5.	Cotton	Insect resistance	University of Agricultural Sciences (UAS, Dharwad), Ankur Seeds, JK Agri Genetics,
		Herbicide tolerance	Krishidhan Seeds, MAHYCO, Nath Seeds, Rasi Seeds Ltd., Syngenta India, Nuziveedu Seeds, Mahendra Hybrid Seeds, Tulsi Seeds, Ganga Kaveri, Vikki's Agrotech, Pravardhan Seeds, Prabhat Agri Biotech., Ajeet Seeds.
6.	Groundnut	Virus resistance	ICRISAT
7.	Maize	Herbicide tolerance	Monsanto (India)
8.	Mustard	Superior hybrid cultivars, resistance to fungal attack, plants with high level of Beta carotene, abiotic stress tolerant plants	IARI, National Research Centre on Weed Sciences (NRCWS, Jabalpur), The Energy and Resources Institute (TERI), University of Delhi South Campus (UDSC)
9.	Okra	Insect resistance	MAHYCO
10.	Pigeon pea	Resistance to fungal pathogens	ICRISAT, MAHYCO
11.	Potato	Insect resistance,	Central Potato Research Institute

1 2	3	4
	nutritionally enriched with high protein content	(CPRI), National Centre for Plant Genome Research (NCPGR)
12. Rice	Resistance to lepidopteran pests, bacterial blight and sucking pests, fungal infection, insect resistance, salt tolerance	Directorate of Rice Research (Hyderabad), Osmania University, IARI, MAHYCO, Madurai Kamaraj University, M.S. Swaminathan Research Foundation, Tamil Nadu Agricultural University (TNAU)
13. Sorghum	Insect resistance	MAHYCO
14. Tomato	Insect resistance, resistance to fungal infection, viral resistance	MAHYCO, NCPGR

Compensatory Afforestation Fund

1244. SHRI EKANATH K. THAKUR: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether it is a fact that nearly Rs. 2,000 crores money of Compensatory Afforestation Fund is lying with the States in a bewildering set of accounts since the year 2002;

(b) whether it is also a fact that despite several directions from the Supreme Court, his Ministry has not been able to operationalise the system of Compensatory Afforestation Fund Management and Planning Authority to manage this fund; and

(c) if so, the reasons therefor, and the action proposed?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (c) In compliance of the order dated 05.05.2006 of the Hon'ble Supreme Court of India, an *ad-hoc*